

Patent
45026.00127.UTIL1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Lin Zhi, et al

Applicant: Ligand Pharmaceuticals Inc.

Serial No.: 10/684,212

Filed: October 10, 2003

For: For: 5-SUBSTITUTED 7,9-
DIFLUORO-5H-CHROMENO[3,4-
A]QUINOLINE COMPOUNDS AS
SELECTIVE PROGESTERONE
RECEPTOR MODULATOR
COMPOUNDS

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) Group Art Unit: TBA
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) Examiner: TBA
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TRANSMITTAL LETTER

Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450



36183

PATENT TRADEMARK OFFICE

Sir:

Enclosed are the following documents:

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

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Ashley Clark
Name of Person Mailing Paper
Ashley Clark
Signature of Person Mailing Paper

- Information Disclosure Statement;
- Form PTO/SB/08A;
- Copies of 4 cited references; and
- Return Postcard.

No fee is believed due with this submission; however, the Commissioner is authorized to charge any fee required, or to credit any overpayment, to our Deposit Account No. **50-2613**.

Respectfully submitted,

PAUL, HASTINGS, JANOFISKY & WALKER LLP

Dated: 1-16-04

By: 

Atty.: Jane K. Babin, Ph.D.

Reg. No. #47224

PAUL, HASTINGS, JANOFISKY & WALKER LLP
P O Box 919092
San Diego, CA 92191-9092
Phone: (858) 720-2500
Fax: (858) 720-2555



Patent

45026.00127 UTIL1

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In re the Application of: **Lin Zhi, et al**

Group Art Unit: TBA

Serial No.: 10/684,212

Examiner: TBA

Filed: October 10, 2003

**For: 5-SUBSTITUTED 7,9-DIFLUORO-
5H-CHROMENO[3,4-f]QUINOLINE
COMPOUNDS AS SELECTIVE
PROGESTERONE RECEPTOR
MODULATOR COMPOUNDS**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the Applicant's duty under 37 CFR § 1.56, the following information is brought to the attention of the Examiner.

CERTIFICATE OF MAILING
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I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Jan. 20, 2004
Date of Delivery

Ashley Clark
Name of Person Delivering Paper

Ashley Clark
Signature of Person Delivering Paper

REFERENCES

☒ The references are listed on the attached Form PTO/SB/08a and copies are enclosed for the convenience of the Examiner.

☐ Copies of the references listed on the attached Form PTO/SB/08a have already been submitted in corresponding Patent Application No. _____ and therefore, copies of the same are not enclosed.

The items identified in this Information Disclosure Statement may or may not be “material” pursuant to 37 CFR § 1.56 and the submission thereof by Applicant shall not be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as “prior art” 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR § 1.56, exists.

DISCLOSURE

☒ The attached IDS is being filed in accordance with 37 CFR §§ 1.97 and 1.98. This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b)(3), that is before the mailing of a first Office Action on the merits. Thus, no petition or fee is required. However, if the undersigned representative of Applicant is in error in this regard, then the Examiner is requested to consider this IDS as filed under § 1.97(c)

☐ The attached Information Disclosure Statement is being filed in accordance with 37 CFR §§ 1.97(c) and 1.98. This IDS is being filed after an action on the merits but before a Final Action under § 1.113 or a Notice of Allowance under § 1.311. In the event that this IDS is not received before a Final Action under § 1.113 or a Notice of Allowance under § 1.311, the Applicant respectfully requests the filing of these papers to be considered a petition requesting consideration of this IDS pursuant to 37 CFR § 1.97(d).

☐ The attached Information Disclosure Statement is being filed in accordance with 37 CFR §§ 1.97(d) and 1.98. This IDS is being filed after receipt of a final action but before receipt of a Notice of Allowance Under § 1.311.

☐ I certify that pursuant to 37 CFR 1.97(e)(1), each item of information contained in this Information Disclosure Statement was first cited in any communication (International Search Report – copy enclosed) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

☐ I certify that pursuant to 37 CFR 1.97(e)(2), no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the best of my knowledge, no item of information contained in this Information Disclosure Statement was known to any individual more than three months prior to the filing of this Information Disclosure Statement.

PAYMENT METHOD

- ☐ Enclosed is a check to cover the fee pursuant to 37 CFR § 1.17(p).
- ☒ The Examiner is hereby authorized to charge any fee due with this filing to our Deposit Account No. **50-2613**.
- ☒ The Examiner is hereby authorized to charge any additional fee(s) required by this paper to our Deposit Account No. **50-2613**.

Respectfully submitted,

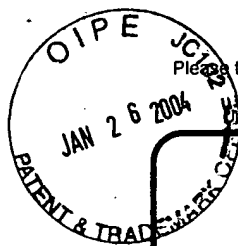
PAUL, HASTINGS, JANOFSKY & WALKER

Dated: 1-16-84

By: 

Jane K. Babin, Ph.D.
Reg. No. 47,224

P.O. Box 919092
San Diego, California 92191-9092
Telephone: (858) 720-2500
Facsimile: (858) 720-2555



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PTO/SB/08A (08-00)
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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/684,212
				Filing Date	October 10, 2003
				First Named Inventor	Lin Zhi, et al
				Group Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	45026.00127

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	5,693,646		Jones, et al	12/02/1997	
	AB	5,693,647		Jones, et al	12/02/1997	
	AC	5,696,127		Jones, et al	12/09/1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	AD	WO	99/41256	A1	Wang, et al	08/19/1999		
	AE	WO	99/41257	A1	Coughlin, et al	04/30/2002		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	AF	Berger, T. S., et al., Interaction of Glucocorticoid Analogues with the Human Glucocorticoid Receptor. J. Steroid Biochem. Mol. Bio. 1992, 41, 733-738		
	AG	Pathirana, C., et al., Nonsteroidal Human Progesterone Receptor Modulators from the Marine Alga Cymopolia Babata. Mol. Pharm. 1995, 47, 630-635		

Examiner Signature	SAN/80599.1	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.